

Solar Storage Container Solutions

New battery energy storage project in St John's



Overview

The new battery energy storage system is the largest of its kind in New Brunswick and will help store the intermittent electricity created by Burchill's 10 wind turbine generators, which generate up to 42 megawatts of clean, renewable electricity to the Saint John Energy grid—even when the wind isn't blowing. Why does Saint John energy use a battery system?

It also helps store extra electricity when the demand is low and helps address peak energy demands during the coldest winter months. The battery system may also help Saint John Energy provide power to customers during power outages due to storm events.

Why did Saint John energy add a battery storage site at Burchill?

Saint John Energy decided to add a battery storage site at Burchill partly due to the success the company has seen with their first Megapack project. Installed in 2020, the company was expecting to see large savings, and the Megapacks delivered just that, with Saint John Energy saving over \$109,000 in the first year of operation.

What is the largest battery project in New Brunswick?

The battery project is the largest battery in New Brunswick. It consists of a 5.8 megawatt / 11.6 megawatt-hour lithium-ion battery that can deliver 5.8 megawatts of energy to the Saint John Energy grid for a two-hour period on a full charge.

Where will Tesla megapacks be installed in Saint John?

Saint John Energy is embarking on a second battery energy storage project with Tesla Megapacks, this time at a new wind farm project near the city of Saint John. The Megapacks will be installed at the Burchill Wind Farm, located about 15km southwest of Saint John.

What is Burchill's new battery energy storage system?

The new battery energy storage system is the largest of its kind in New Brunswick and will help store the intermittent electricity created by Burchill's 10 wind turbine generators, which generate up to 42 megawatts of clean, renewable electricity to the Saint John Energy grid—even when the wind isn't blowing.

Why does Canada support green energy projects in Saint John?

The Government of Canada is pleased to support this important initiative in Saint John, co-led by the Negotkuk First Nation." "One of our traditional values as a nation is to take care of the environment. Green energy projects are going to start taking over, and they're going to dominate, and that's the way of the future."

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Battery Energy Storage Systems Report

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Cutting the ribbon on the largest battery energy storage system in New

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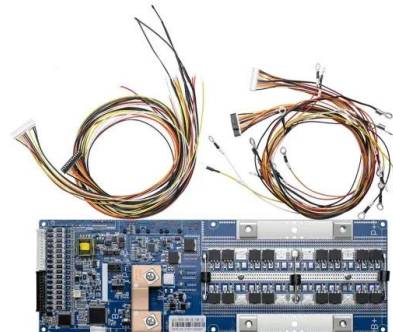


New Brunswick Unveils Largest Battery Energy Storage System

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Saint John Energy Adding Three Tesla Megapack Batteries

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